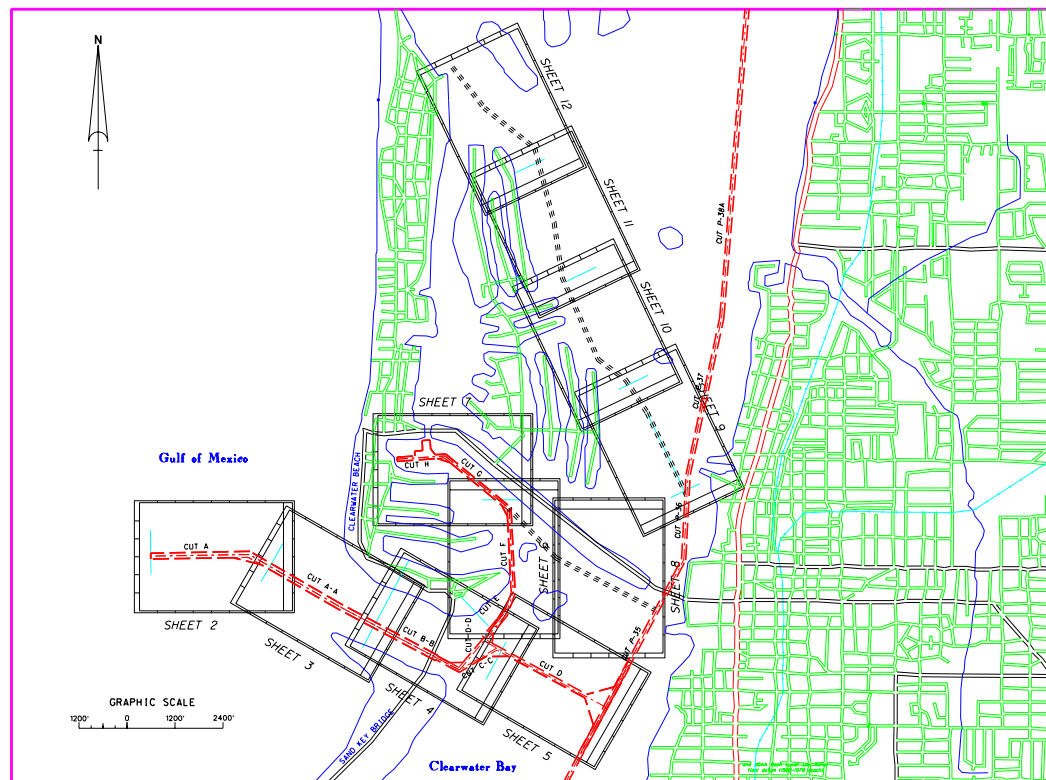





LOCATION MAP



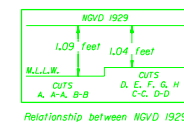
1. REFER TO SURVEY NO. 02-079.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW). REFER TO DIAGRAM SHOWN BELOW.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A MEASURE DOWN POINT ON A CONC. BRIDGE PILING AND REFERENCED FROM BENCHMARK "R-50" FOR CUTS A-A AND B-B. TIDAL REDUCTIONS FOR CUTS C-C, D-D, AND E-E THRU H WERE MADE USING A STAFF SET ON A DOCK PILING IN THE VICINITY OF AND REFERENCED FROM BENCHMARK "AWL, 1947".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN EPOCH OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING A DUAL GPS FOR POSITIONING AND UTILIZING THE USCG HAYSTACK SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A RAIN-SWIFT SOUNDER DEPTH RECORDER WITH A 2000KHZ (HIGH FREQUENCY) TRANSDUCER.

| VESSEL | DATE OF SURVEY      | CUT                                       |
|--------|---------------------|---|
| WB-34  | 2. 10-11 APRIL 2002 | A, D-H, AA-DD<br>ALTERNATE CHANNELS 1 & 2 |

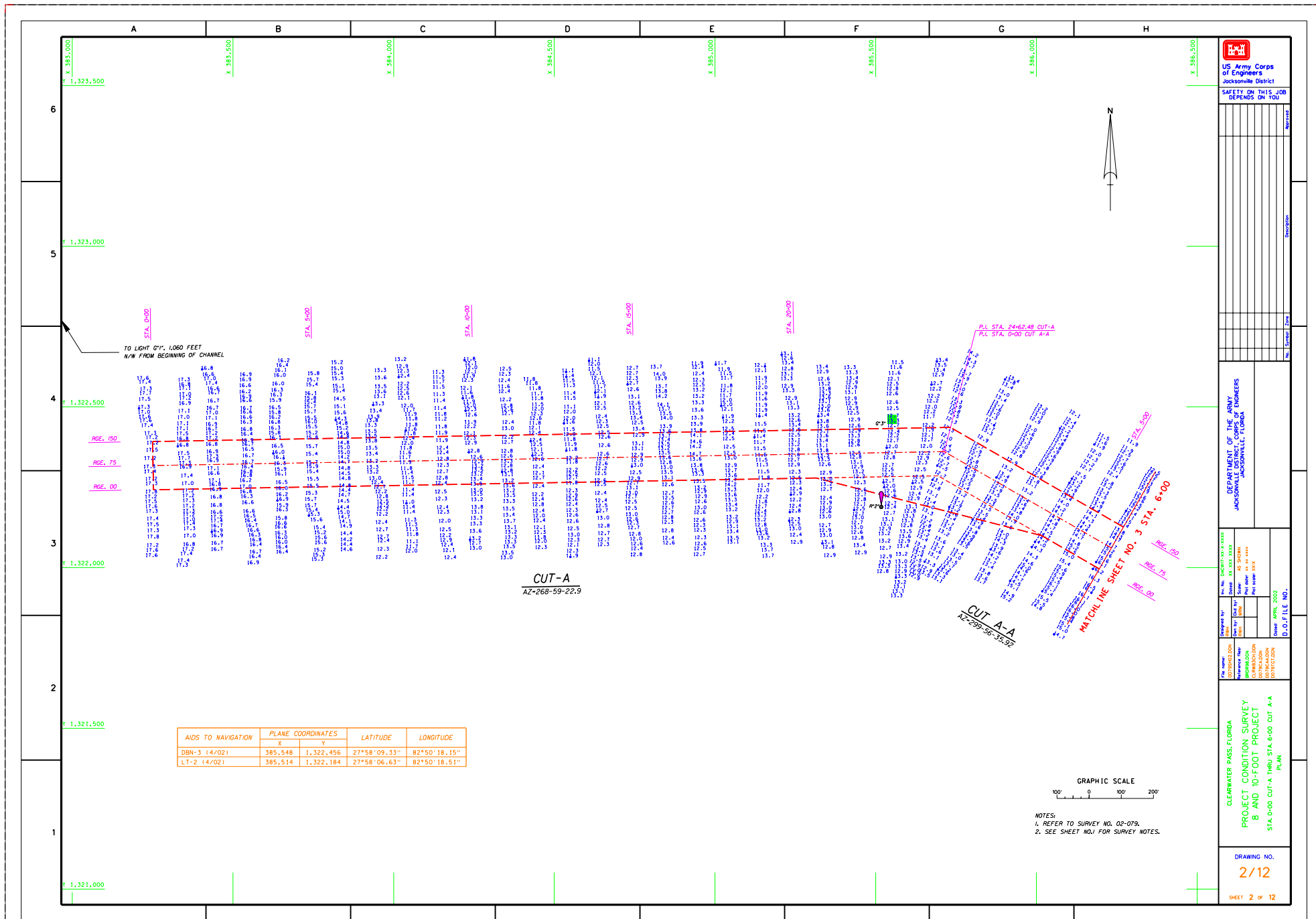
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USCGC NAVOPNAVPLAN 1-0000, 1 JAN 02.

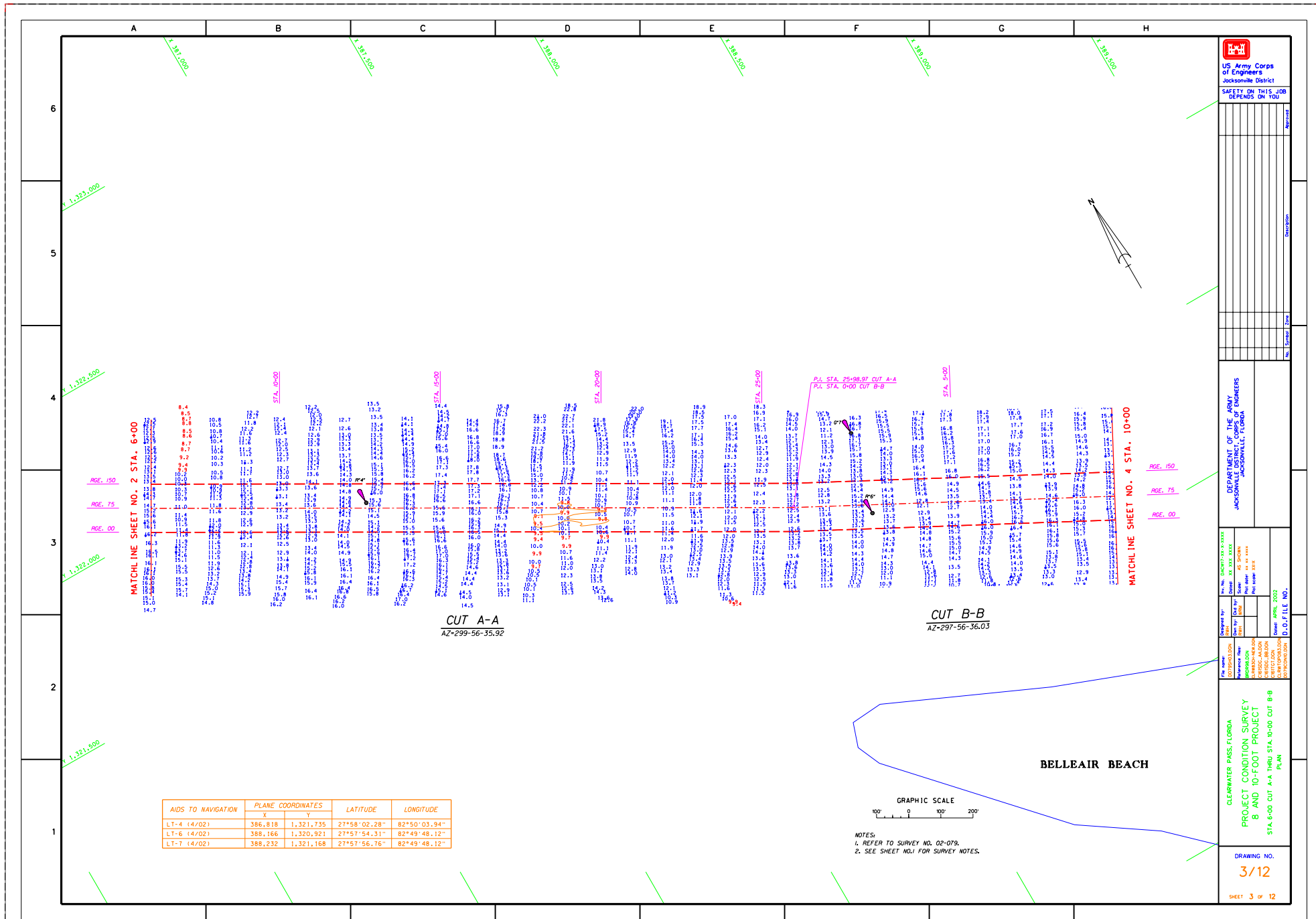
| LEGEND  |                    |
|---|--------------------|
| • BM  | BENCHMARK          |
|  | LIGHTED BEACON     |
|  | GREEN DAYBEACON    |
|  | RED DAYBEACON      |
|  | RED LIGHTED BUOY   |
|  | GREEN LIGHTED BUOY |
|  | CAN BUOY           |
|  | NUN BUOY           |
|  | TIDE STAFF         |

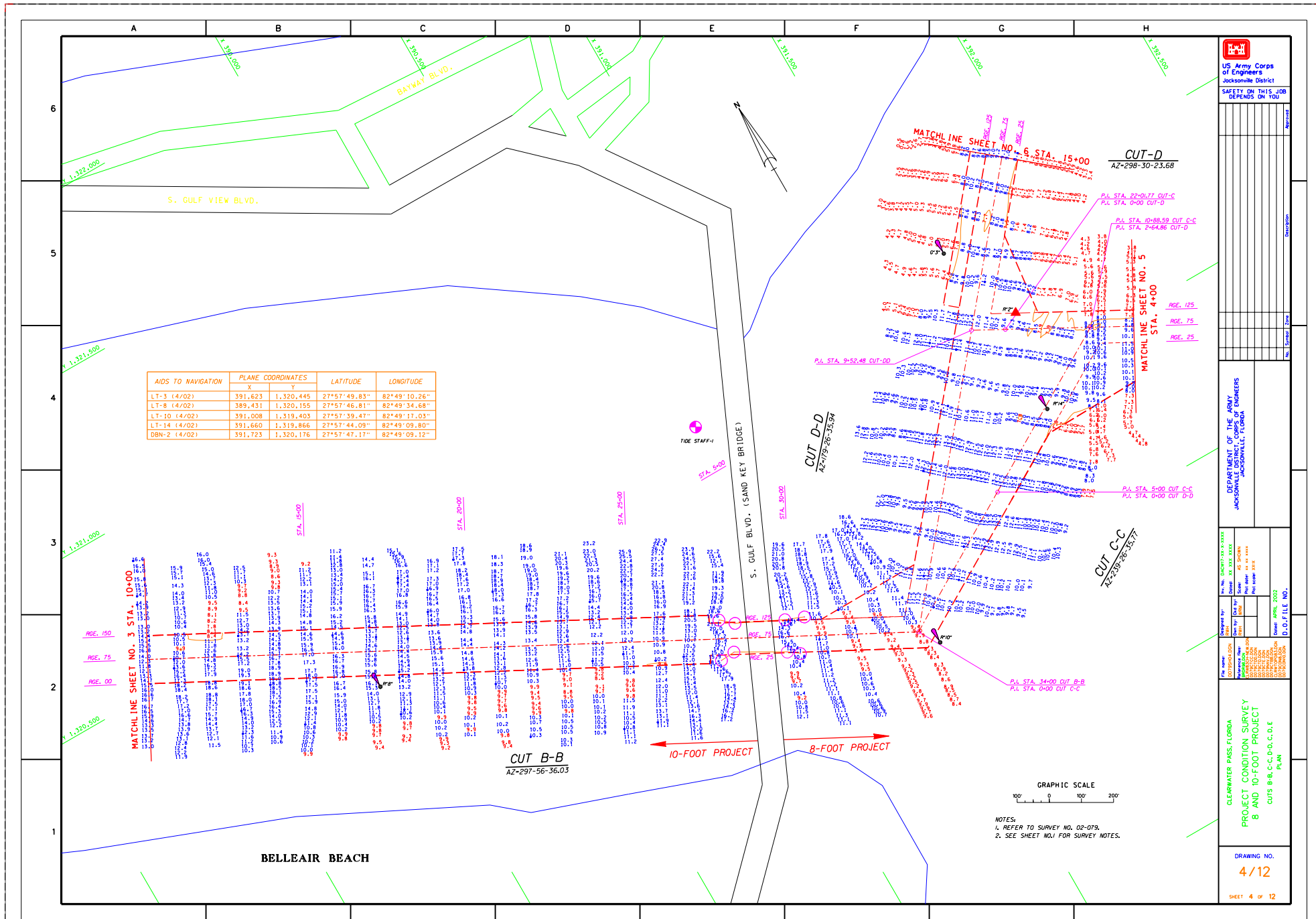
| BENCHMARK | NGVD<br>ELEV. (FT) |
|-----------|--------------------|
| DNR R-50  | 5.79               |
| AML, 1941 | 8.07               |



SHEET 1 OF 12







US Army Corps of Engineers  
Jacksonville District

SAFETY ON THIS JOB  
DEPENDS ON YOU

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

PROJECT CONDITION SURVEY  
8 AND 10-FOOT PROJECT  
CUTS B-B, C-C, D-D, C.D.E  
PLAN

DRAWING NO.  
4/12

SHEET 4 OF 12



